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# Environmental Field Working Group

**May 27-28, 2003 Joint Corporate Staff/FWG Meeting**

**Vicksburg, Mississippi**



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# Membership

Lasandra Teeters (Patuxent River NAS, MD) - Chair

Tom Stephan (Northern Div, NAVFAC, PA) – Vice-Chair

Darrell Molzan (Southern Div, NAVFAC, SC)

Tom Griffith (AFCEE, TX)

Burla Martin (Ft. Carson, CO)

Jerry Dunn (Rocky Mt. Arsenal, CO)

Sam Bass (HTRW Center & Omaha Dist, NE)

Denise Smith (MCAS Cherry Point, NC)

Bobby Carpenter (CADD/GIS Center) - Facilitator

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# Membership

Corps	1
Sam Bass (HTRW Center & Omaha Dist, NE)	
Navy	3
Tom Stephan (Northern Div, NAVFAC, PA)	
Lasandra Teeters (Patuxent River NAS, MD)	
Darrell Molzan (Southern Div, NAVFAC, SC)	
Air Force	1
Tom Griffith (AFCEE, TX)	
Army	2
Burla Martin (Ft. Carson, CO)	
Jerry Dunn (Rocky Mt. Arsenal, CO)	
Marine Corps	1
Denise Smith (MCAS, NC)	
Total	8

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# Membership Needs

Corps	2
Air Force	2
Army	1

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# Vision Statement

Realize the use of CADD/GIS/FM in daily  
environmental management operations

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# Mission

- Facilitate the exchange of ideas and information among Federal agencies concerning environmental management business practices in the areas of Pollution Prevention, Restoration, Conservation, and Compliance
- Facilitate the use of CADD/GIS/FM technologies as a tool in accomplishing environmental management activities

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# Guiding Principles

- Promote implementation of CADD/GIS/FM technology for life-cycle environmental business practices
- Evaluate, recommend, develop, and promote CADD/GIS/FM environmental training and installation support
- Identify and review quality CADD/GIS/FM initiatives to minimize duplication of effort
- Facilitate data transfer and sharing

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# Perspectives

- Strategic Results - Desired changes or evolution that represent mission accomplishment
- Customer - Acquisition, satisfaction, and retention
- Internal Process - Innovation, Operation, Post-delivery, Business Development
- Learning and Growth



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# Objectives

- Make GIS Easier and Cheaper to Create and Maintain (SR)
- Provide GIS Implementation Guidance for Environmental Science & Engineering (SR)
- Confirm and Increase Customer Satisfaction (C)

## Top 10 List (1-6)

- 01.040 – Use of GIS to Simplify EIAP
- 04.004 – Environmental Impact Analysis Solution
- 04.011 – Application of Remote Sensing/GIS for Assessment and Monitoring Environmental Conditions Surrounding the U.S. Military Installations
- 03.023 – GIS Techniques for Assessing Military Encroachment for Natural and Cultural Resources
- 04.021 – Convert and Serve SDS Compliant Base Information for CONUS
- 04.006 - GIS for Field Office Hicks

## Top 10 List (7-10)

- 03.019 – Addition of Geospatial Range and Operational Area Data Entities to Current SDSFIE
- 03.036 – Historic & Digital Map Collection Methods & Online Retrieval Tool Development
- 03.005 – Geotechnical Database
- 04.007 – SDS for Native American Non-portable Artifacts, Burial Sites, and Features

## 01.040 Use of GIS to Simplify Environmental Impact Analysis Process

- Background: A significant investment at the installation level has been committed to baseline open GIS data infrastructure. This will enable potential future integration of processes such as: site planning, permits and legal reviews
- Improves business practices by automating the environmental review and NEPA processes.
- Enhances effectiveness, efficiency and accuracy of NEPA decision processes. Eliminates redundancies by utilizing geospatial components and improves comprehensive project planning through identifying constraints in initial data gathering.
- Project cost: (FY04) \$80,000
- B/C: 27 (20K x 100 projects per year)= 2 Million Savings

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# Recommendations

- **Approve at least one project per FWG**
- Provide web-based index for all previous Center projects (to include status of current projects)
- Enhance FWG Marketing & Communication
- Support Deployment and Use of EIAP application (Project No. 01.040)
- Extend FWG membership to other Federal Agencies (e.g., EPA, DOE, NASA).